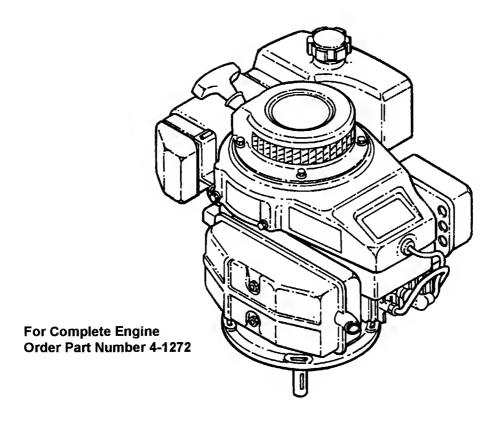
Parts Manual for

SNAPPER

Model EC13V



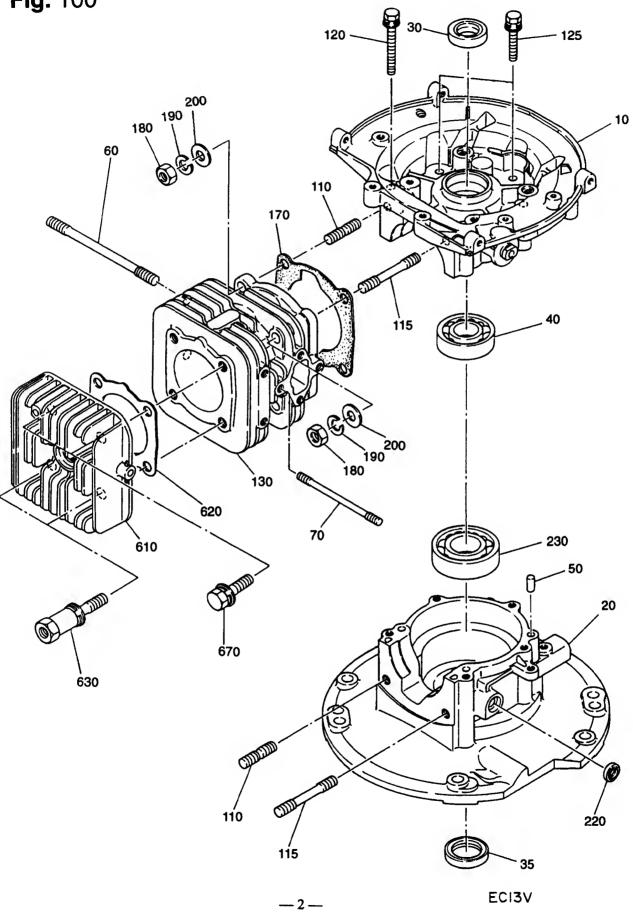
IT IS THE POLICY OF SNAPPER TO IMPROVE ITS PRODUCTS WHENEVER IT IS POSSIBLE AND PRATICAL TO DO SO. WE RESERVE THE RIGHT TO MAKE CHANGES OR ADD IMPROVEMENTS AT ANY TIME WITHOUT INCURRING ANY OBLIGATION TO MAKE SUCH CHANGES ON PRODUCTS MANUFACTURED PREVIOUSLY.

SNAPPER McDonough, GA., 30253 U.S.A.

(I.R. 9/23/97)

Manual No. 06017

Fig. 100



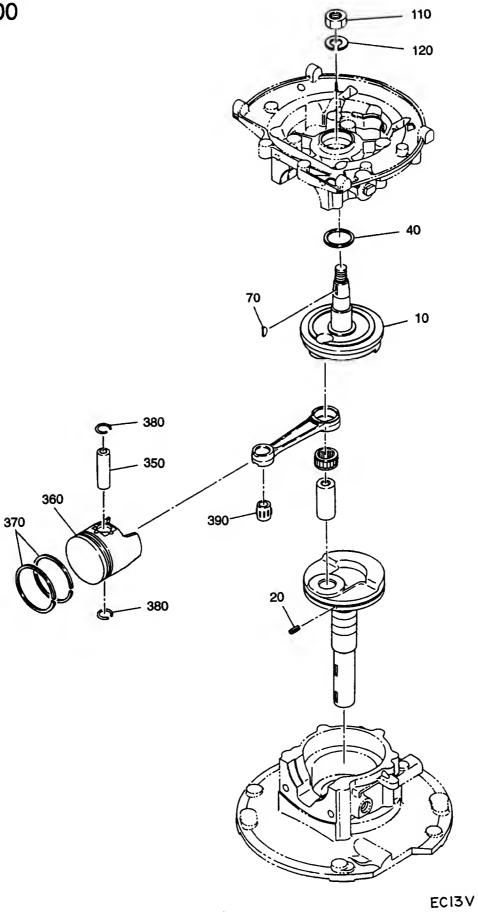
CRANKCASE GROUP

REF.	PART NUMBER	PART NAME	QTY	REMARKS	CODE NO. FROM-TO	INTERCHANGEABLE Part Number	PRICE F	IG.
10	157-10502-11	CRANK CASE CP	1		-		1	100
30	044-02001-00	OIL SEAL	1	TC20328	-		1	100
35	044-02501-80	OIL SEAL	1	TC25387	-		1	100
40	060-02000-20	BALL BEARING	1	BB6204C3	-		1	100
50	031-00600-10	DOWEL PIN	2		-		1	100
60	010-50803-30	STUD	2		-		1	100
70	010-50601-40	STUD	2		-		1	100
110	001-32084-01	STUD	1		-		1	100
115	001-32086-51	STUD	1		-		1	100
120	001-14065-50	BOLT AND WASHER AY	3		-		1	100
125	001-14064-00	BOLT AND WASHER AY	2				1	100
130	157-12501-11	CYLINDER CP	1		-		1	100
170	157-15001-03	GASKET (CYLINDER)	1		-		1	100
180	002-18080-00	NUT	4		-		1	100
190	003-20080-00	SPRING WASHER	4		-		1	100
200	003-10080-00	WASHER	4		_		1	100
220	044-00800-10	OIL SEAL	1	VC8144	-		1	100
230	060-02500-10	BALL BEARING	1	BB6205C3	-		1	100
610	157-13101-13	CYLINDER HEAD	1		-		1	100
620	157-15102-01	GASKET CP (HEAD)	1		-		1	100
630	013-00800-71	BOLT AND WASHER AY	2		-		1	100
670	001-14083-50	BOLT AND WASHER AY	2		-		1	100
960	157-99001-07	GASKET SET	1		-		1	100
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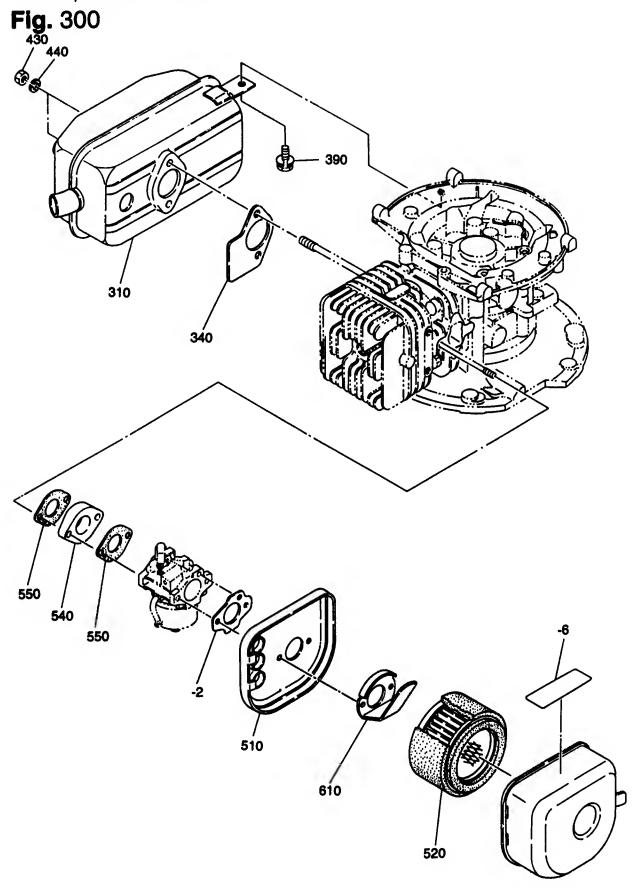
EC130YV0000 E X, R/A-STD,

Fig. 200



REF.	PART NUMBER	PART NAME	QTY	REMARKS	CODE NO. FROM-TO	INTERCHANGEABLE Part Number	PRICE	FIG
10	157-21201-00	CRANK SHAFT AY	1		-			200
20	005-19030-60	SPRING PIN	1		-			200
40	157-25001-03	SPACER	1	T=0. 3	-			200
	157-25002-03	SPACER	3	T=0. 1	-			200
70	005-32042-01	WOODRUFF KEY	1		-			200
110	002-17120-00	NUT	1		_			200
120	003-20120-00	SPRING WASHER	1		-			200
350	157-23301-03	PISTON PIN	1		-			200
360	157-23451-01	PISTON CP	1	STD	-			200
	157-23452-01	PISTON CP 0.25	1	OVER SIZE 0.25	-			200
	157-23453-01	PISTON CP 0.50	1	OVER SIZE 0.50	-			200
370	157-23501-07	PISTON RING SET STO	1	STD	-			200
	157-23502-07	PISTON RING SET 0.25	1	OVER SIZE 0.25	-			200
	157-23503-07	PISTON RING SET 0.50	1	OVER SIZE 0.50	-			200
380	056-51200-10	CLIP	2		-			200
390	061-01200-10	NEEDLE BEARING	1		-			200
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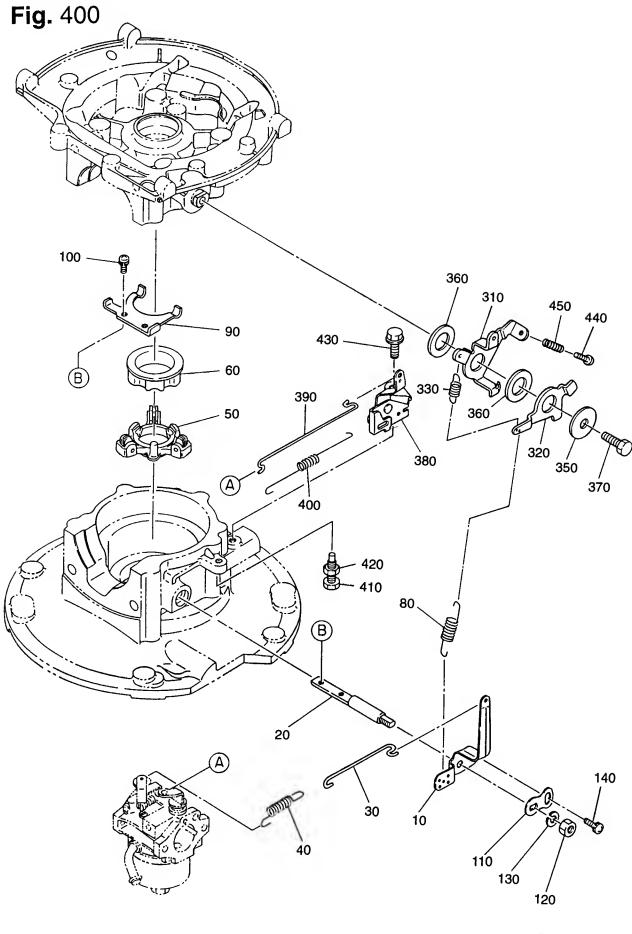
INTAKE, EXHAUST GROUP

REF.	PART NUMBER	PART NAME	QTY	REMARKS	CODE NO. FROM-TO	INTERCHANGEABLE PART NUMBER	UNIT PRICE	
310	157-30301-01	MUFFLER CP	1					300
34 0	157-35101-01	GASKET CP (EXHAUST)	1					300
390	001-13081-60	BOLT & WASHER AY	1					300
430	002-19080-00	NUT	2		-			300
44 0	003-20080-00	SPRING WASHER	2		-			300
510	157-32606-0 0	AIR CLEANER AY	1		-			300
- 2	226-32720-08	GASKET (AIR CLEANER)	1		-			300
- 6	157-32730-08	LABEL	1		-			300
520	157-32600-07	ELEMENT SET	1		-			300
540	157-32901-03	INSULATOR	1		-			300
550	157-35001-03	GASKET (INSULATOR)	2		_			300
610	157-36402-03	GUIDE PLATE, CLEANER	1		_			300
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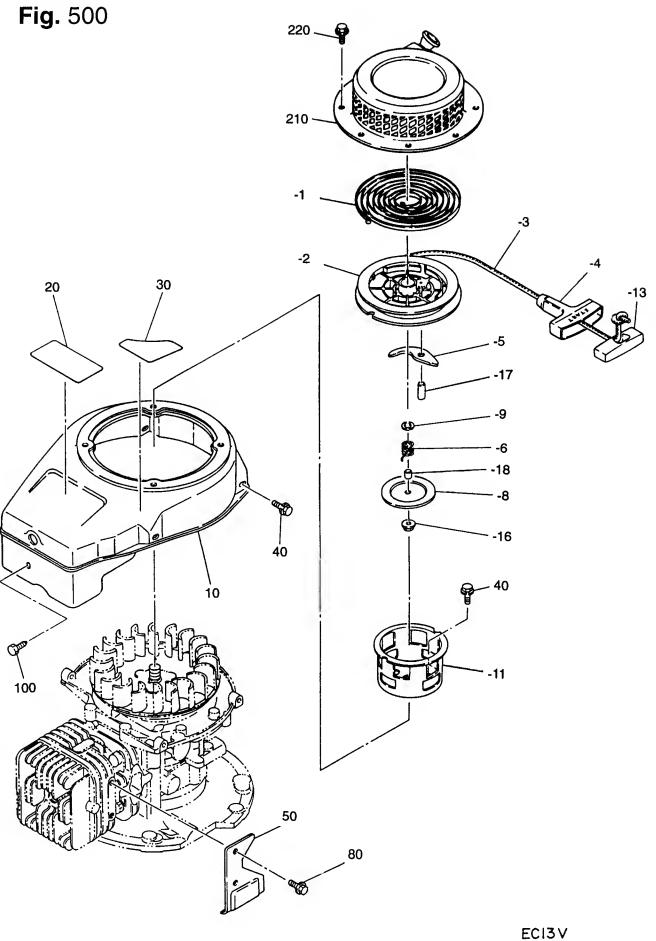
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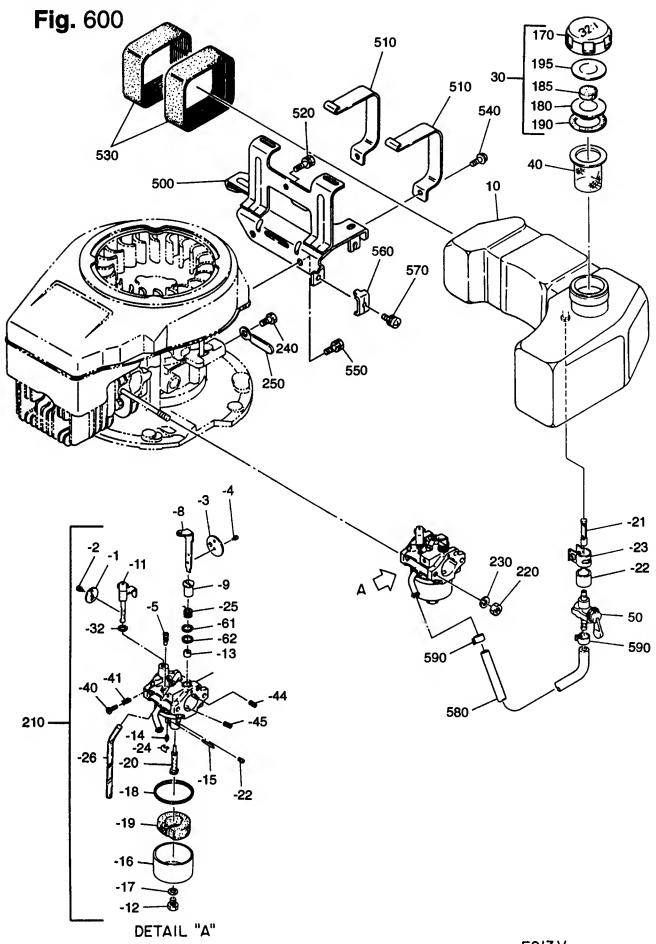
REF.	PART NUMBER	PART NAME	QTY	REMARKS	CODE NO. FROM-TO	INTERCHANGEABLE PART NUMBER	UNIT	FIG.
10	157-42304-03	GOVERNOR LEVER	1		-			400
20	157-42201-03	GOVERNOR SHAFT	1		-			400
30	214-42701-01	GOVERNOR ROD CP	1		-			400
40	106-42801-13	ROD SPRING	1		-			400
50	157-41701-01	GOVERNOR PLATE CP	1		_			400
60	157-41901-03	GOVERNOR SLEEVE	1		_			400
80	157-42505-03	GOVERNOR SPRING	1		_			400
90	157-42101-03	GOVERNOR YOKE	1		-		-	400
100	004-35040-60	SCREW & WASHER AY	2		-			400
110	157-42401-03	ADJUSTING PLATE	1		_			400
120	002-17060-00	NUT	1		_			400
130	003-20060-00	SPRING WASHER	1					400
140	004-36040-80	SCREW & WASHER AY	1		-			400
310	157-43313-03	SPEED CONTROL LEVER	1		-			400
320	157-43314-13	CONTROL LEVER	1		_			400
330	157-47001-03	TENTION SPRING	1		-			400
350	157-45102-03	COVER	1					400
360	157-46101-03	WASHER	2		-			400
370	001-65061-60	BOLT	1	1	-	7 - 10 Fr		400
380	157-43812-01	CHOKE LEVER CP	1	1015-10-1	-			400
390	157-45201-01	CHOKE ROD CP	1		_	157-45202-01		400
400	157-42803-03	ROD SPRING	1		_			400
410	157-47301-01	SET BOLT CP	1		-			400
420	002-17060-00	NUT	1		_			400
430	011-00600-10	FLANGE BOLT	1		-			400
440	004-31041-60	SCREW, PANHEAD	1		-			400
4 50	230-49003-13	SPRING (ADJUSTER)	1		_			400
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EC130YV0000 E X, R/A-S T D, ,



REF.	PART NUMBER	PART NAME	QTY	REMARKS	CODE NO. FROM-TO	INTERCHANGEABLE PART NUMBER	PRICE	
10	157-51530-01	BLOWER HOUSING CP	1		-			500
20	157-91710-03	LABEL (TRADE MARK)	1		-			500
30	073-20039-00	LABEL (WARNING)	1		-			500
40	001-10061-20	BOLT AND WASHER AY	7		_			500
50	157-52601-03	CYLINDER BAFFLE	1	***************************************	-			500
80	011-00600-10	FLANGE BOLT	2		_			500
100	015-20600-70	TAPPING BOLT	1		-			500
210	157-50401-00	RECOIL STARTER AY	1		-			500
- 1	215-50515-08	SPIRAL SPRING	1		-			500
- 2	226-50121-08	REEL CP V SNAPPER	1		-			500
- 3	226-50113-08	STARTER ROPE	1		-			500
- 4	227-50100-08	STARTER KNOB	1		_			500
- 5	226-50125-08	RATCHET V SNAPPER	1		-			500
- 6	215-50630-08	FRICTION SPRING	1		-			500
- 8	215-50540-08	FRICTION PLATE	1		-			500
- 9	215-50560-08	THRUST WASHER	1		-			500
- 11	157-50445-08	STARTER PULLEY	1		-			500
- 13	227-50150-08	KNOB CAP	1		_			500
- 16	150-50150-08	FLANGE NUT	1		_			500
- 17	215-50555-08	RATCHET PIN	1		-			500
- 18	215-50550-08	SUB SHAFT	1		_			500
220	011-00600-10	FLANGE BOLT	4		_			500
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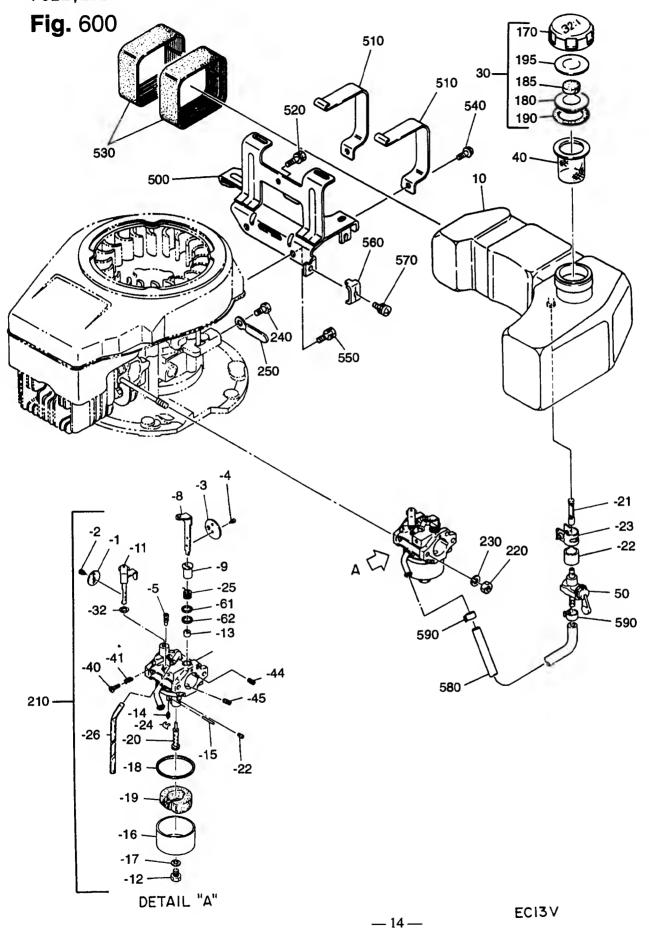
EC130YV0000 E X, R/A-STD,



FUEL, LUBRICANT GROUP

REF.	PART NUMBER	PART NAME	QTY	REMARKS	CODE NO. FROM-TO	INTERCHANGEABLE PART NUMBER	UNIT	FIG.
10	157-60302-01	FUEL TANK CP	1		_			600
30	043-04401-10	FUEL TANK CAP CP	1		-			600
40	064-14200-20	FUEL FILTER	1		-			600
50	064-20044-02	FUEL STRAINER AY	1		-			600
- 21	064-20044-20	FILTER V-STD	1		-			600
- 22	064-20044-90	JYOINT PIPE V-STD	1		_			600
- 23	064-20044-60	HOSE BAND AY V-STD	1		-			600
170	043-54400-50	OUTER CAP	1		_			6 00
180	043-41800-12	INNER CAP	1		-			600
185	084-12600-20	SPONGE	1		-			6 00
190	021-02600-22	GASKET (TANK CAP)	1		-	021-02600-23		600
195	023-24200-12	PARTITION PLATE	1		-			600
210	157-62303-00	CARBURETOR AY	1		-	157-62305-00		600
- 1	106-62536-08	THROTTLE VALVE	1		-			600
- 2	150-62356-08	SCREW	1					600
- 3	157-62521-08	CHOKE VALVE	1		_			600
- 4	237-62451-08	SCREW	2		_			600
- 5	128-62420-08	PILOT JET	1		-			600
- 8	157-62522-08	CHOKE LEVER	1		-			600
- 9	157-62356-08	RING	1		-			6 00
- 11	157-62536-08	SHAFT AY (THROTTLE)	1		-			600
- 12	214-62451-08	BOLT	1		-			600
- 13	226-62550-08	RING	1	V	-			600
- 14	157-62305-08	NEEDLE VALVE	1	70,90	_			600
- 15	214-62515-08	PIN	1		-			600
- 16	214-62551-08	FLOAT CHAMBER BODY	1		-			600
- 17	214-62450-08	PACKING	1		-		***************************************	600
- 18	214-62540-08	CHAMBER PACKING	1		-			600
- 19	226-62506-08	FLOAT AY	1		-			600
- 20	157-62441-08	MAIN NOZZLE	1		_			600
- 22	227-62402-08	MAIN JET	1		-			600
- 24	226-62701-08	CLIP	1		_			600
- 25	157-62354-08	SPRING	1		_			600
- 26	226-62702-08	HOSE	1		_			600
- 32	106-62392-08	SEAL	1		-			600
- 40	209-62352-08	SCREW	1				= "	600

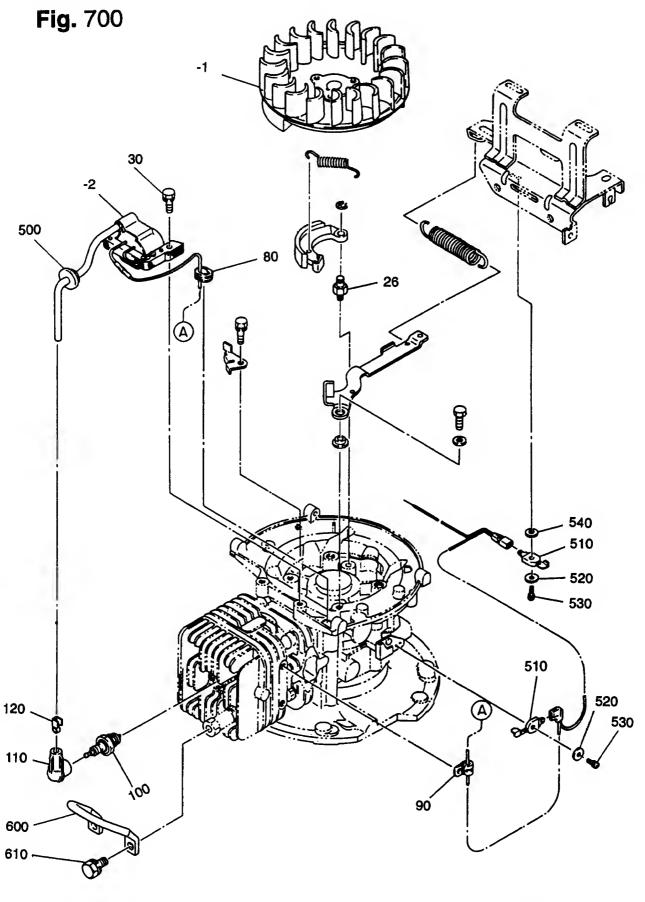
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FUEL, LUBRICANT GROUP

REF.	PART NUMBER	PART NAME	QTY	REMARKS	CODE NO.	INTERCHANGEABLE PART NUMBER	UNIT	FIG
- 41	209-62445-08	SPRING	1		-	TART WORDER	FRIOL	600
- 44	157-62413-08	AIR JET	1		-			600
- 45	157-62412-08	AIR JET	1					600
- 61	226-62700-08	CAP	1		-			600
- 62	227-62559-08	SEAL	1		-			600
220	002-17060-00	NUT	2					600
230	003-20060-00	SPRING WASHER	2		-			600
240	001-65081-20	BOLT	1					600
250	056-60002-60	CLAMP	1		_			600
500	157-61601-11	FUEL TANK BRACKET CP	1		_			600
510	157-65001-01	TANK BAND CP	2		_			600
520	001-10061-20	BOLT AND WASHER AY	1					600
530	157-65101-03	RUBBER BAND (TANK)	2		_			600
540	011-00600-20	FLANGE BOLT	2					600
550	001-16081-60	BOLT AND WASHER AY	2		_			600
560	235-43901-01	CLAMP CP	$\frac{1}{1}$				19	600
570	001-17051-60	BOLT AND WASHER AY	1					600
580	085-10400-00	RUBBER PIPE		4. 5X11XM	-			600
590	056-11000-30	HOSE CLAMP	$\frac{1}{2}$	2. O. 2. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.				600
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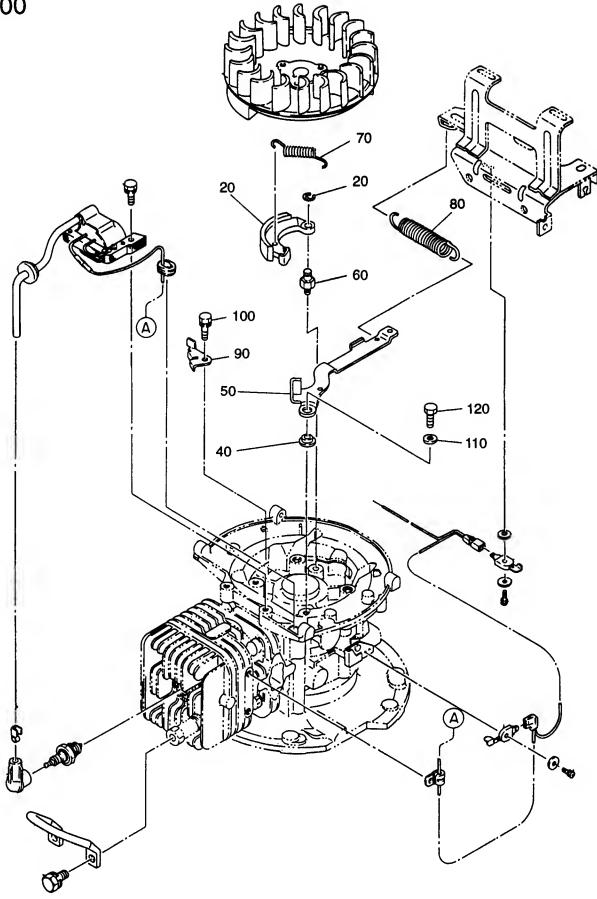
ELECTRIC DEVICE GRP

REF.	PART NUMBER	PART NAME	QTY	REMARKS	CODE NO. FROM-TO	INTERCHANGEABLE PART NUMBER	UNIT PRICE	FIG
10	157-70202-10	MAGNETO AY	1		2466-			700
	157-70202-00	MAGNETO AY	1		-2465			700
- 1	157-79272-08	FLY WHEEL	1		7			700
- 2	157-79473-28	IGNITION COIL CP	1		2466-			700
	157-79473-18	IGNITION COIL CP	1		-2465			700
30	001-10062-00	BOLT AND WASHER AY	2	-	-		ļ	700
80	157-75002-03	GROMMET	1		-			700
90	214-79006-01	CLAMP CP	1		-			700
100	065-01404-60	SPARK PLUG	1		-		<u> </u>	700
110	230-75101-13	SPARK PLUG CAP	1					700
120	065-50001-00	PLUG TERMINAL	1		_			700
500	157-75001-03	GROMMET	1		_			700
510	226-72705-11	STOP SWITCH CP	2					700
520	003-11040-00	WASHER	2					700
530	004-35041-20	SCREW AND WASHER AY	2					700
540	003-11060-00	WASHER	1		_	**************************************		700
600	157-76001-01	PLUG GUARD CP	1					700
610	001-65081-20	BOLT	2		_			700
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Fig. 800



FLYWHEEL BRAKE

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EC130YV0000 E X, R/A-S T D.,

ROBIN AMERICA, INC. ROBIN TO WISCONSIN ROBIN ENGINE MODEL CROSS REFERENCE LIST

SNAPPER	ROBIN	SIDE VALVE	WISCONSIN ROBIN
	EYO8	OIDL VALVE	W1-080
	EY15		W1-145
	EY15V		W1-145V
	EY20		W1-185
	EY20V		W1-185V
	EY23		W1-230
	EY28		W1-280
	EY35		W1-340
	EY40		W1-390
	EY45V		W1-450V
	EY21		EY21W
	EY44		EY44W
	EY18-3		EY18-3W
	EY25		EY25W
	EY27		EY27W
		OVERHEAD VALVE	1115 4 445
	EH11		WO1-115
	EH12		WO1-120
	EH15		WO1-150
	EH17		WO1-170
4-6998	EH18V		WO1-180V
	EH21		WO1-210
	EH25		WO1-250
	EH30		WO1-300
	EH30V		WO1-300V
	EH34		WO1-340
	EH34V		WO1-340V
	EH43V		WO1-430V
		TWO CYCLE	
4-1272	EC13V	TWO OTOLL	WT1-125V
		<u>DIESEL</u>	11/224 000
	DY23		WRD1-230
	DY27		WRD1-270
	DY30		WRD1-300
	DY35		WRD1-350
	DY41		WRD1-410

GROUP INDEX

GROUP NAME FIG. NO.	PAGE
CRANKCASE100	2
CRANK, PISTON200	4
INTAKE, EXHAUST300	6
GOVERNOR, OPERATE410	8
COOLING, STARTING500	10
FUEL, LUBRICANT600	12
ELECTRIC DEVICE700	16
FLYWHEEL BRAKE800	18

HOW TO USE THIS PARTS CATALOG

All Robin Industrial Engines have a Production number to identify their specification. The Production number is a 15 digit, alphanumeric number. The first 11 digits are classified as the specification number of the engine. The last 4 digits are the manufacturing code. An example is shown below:

(PRODUCTION NUMBER)

EY400DD1650 XXXX

(SPECIFICATION#) (CODE)

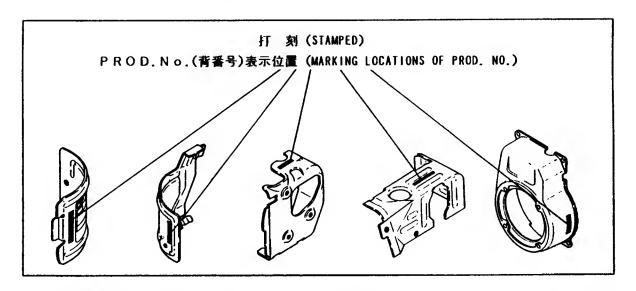
All 15 digit production numbers will be located in one of the following locations depending upon the engine model. The number will either be stamped onto a cylinder baffle or attached to one of the other locations by an easily visible label.

MARKING LOCATIONS OF PRODUCTION NUMBER

PROD. No.

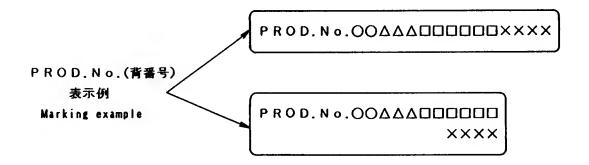
How to check PROD. No.

PROD. No. (背番号)は、下記により確認して下さい。 Check PROD. No. as illustrated below.

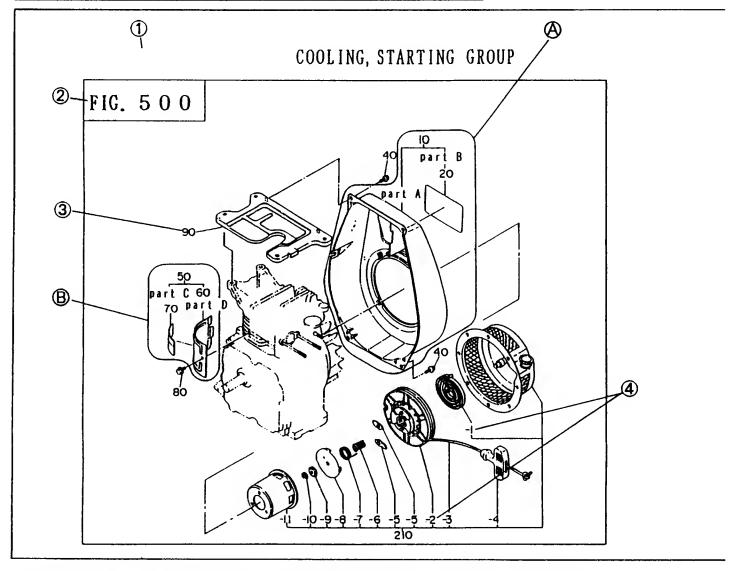


PROD.No.(背番号)15桁は、シリンダーパッフル上に打刻、又はプロワーハウジングなど見易い位置にラベルの貼付など、いずれかで表示されています。

PROD. No. with 15 characters is marked either by stamping on the cylinder buffle or by sticking label to easily visible locations such as on the blower housing.



How to find the part of your need



NOTE: Some of the parts shown may be somewhat different from their actual shape and location. The illustrations of this catalog are intended to assist in ordering the correct part(s).

[TERMS]

- (1) Group...... Parts are classified into functional groups. Refer to the group index for specific groups.
- (2) Fig. No.Indicates illustration number and corresponds to the FIG. NO. in the list.
- (3) Ref. No. Corresponds to Ref. No. in parts list.
 - Example A.... The part indicated by Ref. No. 10 consists of part A and B. Part A is available either in the form of an assembly, Ref. No. 10(AY), or as a complete unit, A (CP). Part B is available as a part by itself.
 - Example B.....Parts C and D are available either as an assemble, Ref. No. 50(AY) or as a complete unit, (CP). Both parts are available as a part by itself.
- (4) Sub-divided Ref. No.....Refers to a separate part within a group that is available as an independent part.

1			(6	coo	Z) LI	NG,	STA	8 ART		GPO				2
•	ref No.	部 品 将 サ Part Number	YAK MA PART	名 本 N A N B	O' TY	j.	Åi E		R	火 K S	다구 보 CODE FROM	NO.	小是明価 UNIT PRICE	FIG.	
③~	-10	234-51201-01	プロワー ハウジング BLOWER HOUS	ING CP	1			D,DS t	ypc .					500	
		234-51101-01	プロワー ヘウジンダ BLOWER HOUS	ING CP	1		B,BS, for	形川 B,BS u	уро			-		500	0
	20	234-91701-03	ラベル(トレード マー LABEL(TRADE	MARKE)	1									500	
	50	234-52602-01			1							-		500	
⑤	60	234-52601-03	シリンダー パッフル CYLINDER BA		1							-		500	_0
•	70	234-91802-03	ラベル、エンジン キー Label , engin		1							-		500	
	80	011-00600-20	フランジ ポルト FLANGE BOLT		1									500	
	90	234-5270i-23	ヘッド カルー IEAD COVER		1						0091-	-	1	500	
		234-52701-13			1	. <u>*</u> -					0001-	-0090		500	— 0
		234-52701-03	1EAD COVER		1							-0000		500	
		234-52700-13	1EAD COVER		1						E/G 1 10029]	500	— (E)
			1DEAD COVER		1	<u>,</u>						-		500	
	210	234-50211-00	9344 29-9 A		1							-		500	
·	<u>1</u>	106-50116-08	スパイラル スプリンダ		1							-		500	
4	2	207-50122-18	J-A CP	, i y	<u> </u>									500)
		20. 30122 10	RUDU VI								1			300	

- (5) Part No.....Part number assigned to part used in the applicable product. Is the number to be ordered.
- (6) Part Name. Brief description of part number...
- (7) Quantity....Number of parts required for particular part number in applicable product.
- (8) Remarks....Additional information (if applicable) required for applicable product.
- (9) Code No... Indicates modification records and provides identification of the part used in the items with Production No. by referring to the Code No.

Example (C)

[-] The part has been continuously used in the applicable product regardless of Code No.

Example (D)

[0091-] Part used in the products with code number after 0091.

0001-

O091] Part used in the products with code number between 0001 - 0091.

[-0000] Part used in the products with code number before 0000.

(10) Unit Price..Refer to Robin America published Parts Price Catalog for pricing.

[Note] Information on parts for Engines with a Code Number before 0001 and without a Production No. stamped on the engines are available by providing the engine serial number found stamped on the crankcase of the engine.

Parts Manual for

SILAPPER®

Model EC13V

SNAPPER McDonough, GA., 30253 U.S.A.

Manual No. 06017 (I.R. 9/23/97) Printed in U.S.A.